## Index of Claims

| Application No. | Applicant(s)     |         |
|-----------------|------------------|---------|
| 10/627,530      | JANIKOWSKI ET AL | <b></b> |
| Examiner        | Art Unit         |         |
| Brenda A Lamb   | 1734             |         |

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim                 | Τ            | ţ        | <u>7</u> | 1               | Date      |          |          |          |          |       | Cla           | mie      | Γ-   |          |          | D      | ate |           |          |          | Г            | CI       | aim        |          |          |    | Da | te.  |                              |          |     |
|-----------------------|--------------|----------|----------|-----------------|-----------|----------|----------|----------|----------|-------|---------------|----------|--|----------|----------|--------|-----|-----------|----------|----------|--------------|----------|------------|----------|----------|----|----|--|------------------------------|----------|-----|
|                       | T            |          | 3Ĭ       | T               | Π̈́       |          | П        |          | $\dashv$ |       |               |          | Τ  |          | $\neg$   | Ť      | Ť   | T         | П        | $\dashv$ | -            | -        |            | $\Box$   | $\neg$   | Т  | Ť  | Ť  |                              | П        | _   |
| <u>  a</u>   <u>a</u> | 7            | 47       | 3        |                 |           |          |          |          |          |       | क             | ā        |  |          |          | -      |     |           |          |          |              | ल        | a          |          |          |    |    | 1  |                              | Ιl       |     |
| Final                 | \$           | ٦٢       | 1        |                 |           |          |          |          |          |       | Final         | Original | I  |          |          |        |     |           |          |          | 1            | Final    | Original   |          |          |    | 1  | 1  |                              |          |     |
| 1 0                   | V            | )[`      | 7        | 1               |           |          |          |          |          |       |               | 0        | l  |          | -        |        |     |           |          |          | Ι,           | -        | Õ          |          | İ        | -  | ı  |  |                              | 1        |     |
| 1                     | ti           | ١,       | 77       | 1               | H         |          | Н        | $\dashv$ | $\dashv$ |       | _             | 51       | $\vdash$   | $\dashv$ | $\dashv$ | +      | +   | +         |          | - ::     | -            | -        | 101        | $\vdash$ | $\dashv$ | ╅  | ╅  | ╁  | $\vdash$                     | -        | _   |
| 2                     | 11           | ╁        | 7        | $\vdash$        | H         |          | Н        | $\dashv$ |          |       | _             | 52       | <del>                                     </del> | Н        | $\dashv$ | +      | +   | +         | $\vdash$ | -        | -            | $\dashv$ | 102        | $\vdash$ | +        | ╁  | +  | ╁  | Н                            | $\dashv$ | _   |
| 3                     | Ιt           | ╅        | `        | ⇈               | $\vdash$  |          | H        | $\dashv$ | -        |       | _             | 53       | $\vdash$   | Н        | 十        | +      | +   |           | $\vdash$ |          | -            | -        | 103        | H        | +        | +  | ┿  | ╁  | Н                            | -        |     |
| 4                     | Ħ            | ٦,       | /        | 1               | $\dashv$  |          | Н        | 寸        | 1        | ::::  |               | 54       |  |          | +        | -ŀ     | +-  |           | $\vdash$ |          | $\vdash$     |          | 104        | $\vdash$ | +        | -+ | ╁  | ╁  | Н                            | $\dashv$ |     |
| 5                     | Н            | 11       | 1        | T               | Ħ         |          | $\dashv$ | $\dashv$ | -        |       |               | 55       | Н  | $\vdash$ | +        | 十      | +   | +         | $\vdash$ |          | -            |          | 105        | -        | ┰        | ┰  | +  | +-   | Н                            | $\dashv$ | _   |
| 6                     | 11           | Н        | Η        | $\vdash$        |           |          | П        | $\dashv$ | $\dashv$ |       |               | 56       |  | $\dashv$ |          | +      | +   |           | $\vdash$ | $\dashv$ | -            |          | 106        | -        | $\dashv$ | +  | +  | ╁  | Н                            | $\dashv$ |     |
| 7                     | 11           | 1        | -        | Ħ               |           | $\neg$   | Н        | $\dashv$ | $\neg$   |       |               | 57       |  | H        | $\dashv$ | +      | +   | +         | $\vdash$ | -111     | -            |          | 107        | $\vdash$ | $\dashv$ | +  | ╁  | ┿  | Н                            | $\dashv$ |     |
| 8                     | 11           | Т        | 1        |                 |           | _        | $\Box$   | 7        | -        |       |               | 58       | -  | $\dashv$ | $\top$   | $^{+}$ | +   | +         | -        |          | -            | $\dashv$ | 108        | $\vdash$ |          | ╅  | ╅  | ╁  | Н                            | $\dashv$ | -   |
| 9                     | Н            | 1        | 1        | H               |           | 7        | $\dashv$ | _        |          |       |               | 59       |  |          | +        |        | +   | 1-        | -        |          | -            | $\dashv$ | 109        | -        | ┿        | ┿  | ╁  | ╁  | Н                            | -1       | _   |
| 10                    | Ħ            |          | H-       | П               | Ħ         |          | $\dashv$ | $\dashv$ | -        |       |               | 60       | $\vdash$   | -        | ┿        | +      | ┰   | +-        |          | -        | -            |          | 110        | $\vdash$ | +        | ┰  | ╬  | ╁  | Н                            | -        | _   |
| 11                    | Ħ            | -        | ₩        | Н               | $\forall$ | -        | $\dashv$ | +        | -        |       |               | 61       | $\vdash$   |          | +        | ╅      | ┰   | ╁         | $\dashv$ | - :::    | ╟            | $\dashv$ | 111        |          |          | ╁  | +  | ╁  | $\left  \cdot \cdot \right $ | $\dashv$ | _   |
| 12                    | Ħ            | +        | 11       | Н               | $\dashv$  | $\neg$   | -        | $\dashv$ | -        |       |               | 62       | Н  | $\dashv$ | 十        | +      | +   | +         | $\dashv$ | -        | -            | $\dashv$ | 112        | $\dashv$ |          | +  | +  | ╁╌   | ⊢                            | -        | _   |
| 13                    | Η            | T        | 11       | H               | 1         | $\dashv$ |          | $\dashv$ |          |       |               | 63       | Н  | -        | $\dashv$ | +      | +   | +         | +        |          | $\vdash$     | -        | 113        | $\dashv$ | 十        | +  | +  | +  | ┝┥                           | $\dashv$ | _   |
| 14                    | Ħ            | 十        | #-       | Н               | $\forall$ | 寸        |          | -        | $\dashv$ |       |               | 64       | H  | 寸        | -+-      | +      | +-  | ╁┼        | $\dashv$ | -        | ╟            | ┥        | 114        | +        | +        | ╁  | +  | ╁  | -1                           | $\dashv$ | _   |
| 15                    | V            | 1        | #        | Н               | +         | _        | $\dashv$ | $\dashv$ | $\dashv$ |       |               | 65       |  | +        | $\dashv$ | ╅      | +   | $\forall$ | +        | -        | -            |          | 115        | $\dashv$ | +        | +  | +  | 1-   | ├╌┨                          | $\dashv$ | _   |
| 16                    | Ť            | +        | #-       | H               | $\dashv$  | _        | $\dashv$ | _        | 1        | ::::  | $\neg$        | 66       |  | +        | ╅        | +      | ┰   | +         | $\dashv$ |          | $\vdash$     |          | 116        | $\dashv$ | +        | +  | ╁╌ | ┿  | Н                            | $\dashv$ | _   |
| 17                    | †            | T        | 劜        | H               | $\dashv$  | ᅱ        | -        | ┰        | -        | ⊪     |               | 67       | $\vdash$   | +        | +        | +      | +   | 1-        | -+       | $\dashv$ | $\vdash$     |          | 117        |          | +        | +  | +  | ├-   | $\vdash$                     |          | —   |
| 18                    | 十            | ⊀        | ₩-       | H               | $\dashv$  | _        | $\dashv$ | +        | $\dashv$ | iii b |               | 68       | $\vdash$   | -+       | +        | ╅      | +   | +1        | +        | -        | -            | $\dashv$ | 118        | $\dashv$ | ╌┼╴      | ╫  | ╁  | ⊢  | $\vdash$                     | -+       | _   |
| 19                    | +            | +`       | 4        | $\vdash$        | -         | 寸        | -        | +        | ⊣        |       |               | 69       | -  | $\dashv$ | -        | +      | ┪   | +         | -        |          | $\vdash$     | $\dashv$ | 119        | +        | +        | ┿  | ┿  | -  | ⊢┤                           | +        | _   |
| 20                    | t            | ✝╌       | +-       | ╁┤              | ┪         | -        | $\dashv$ | $\dashv$ | -        | iii l |               | 70       |  | $\dashv$ |          | +      | +   | +         | $\dashv$ |          | -            | -        | 120        | $\dashv$ | +        | +- | ╁  | ⊢  | $\vdash$                     | +        | _   |
| 21                    | ╁            | +        | +-       | H               | $\dashv$  | $\neg +$ | $\dashv$ | +        | ⊣∷       | iii)  | $\dashv$      | 71       | -  | $\dashv$ | +        | +      | +   | ╂╌┥       | $\dashv$ | -1       | $\vdash$     |          |            |          | +        | +- | ╁  | -  | Н                            | +        | _   |
| 22                    | ╁            | ╈        | +-       | Н               | $\dashv$  | 寸        |          | +        | -        | ŀ     | $\neg \dashv$ | 72       | -  | +        | +        | - -    | +   | ╂═╌╂      | -        |          | -            |          | 121        |          | +        | ╬  | +- | $\vdash$   | $\vdash$                     | +        | _   |
| 23                    | ┿            | ╁╴       | ╁        | ┝┤              | ╅         | $\dashv$ | $\dashv$ | ┰┼       | -        | ŀ     |               | 73       | -  | +        | +        | +      | +   | ╁╌╏       | -        | -        | -            | $\dashv$ | 122        | -        | +        | +  | ╀  | <del> </del>                                     | $\dashv$                     | 4        |     |
| 24                    | ╁╴           | +        | +-       | H               | $\dashv$  | +        | $\dashv$ | +        | -        | ŀ     |               | 74       |  | $\dashv$ | +        |        | ┿   | ╀         |          | -        | -            |          | 123        | -+       | +        | +  | +- | $\vdash$   |                              |          |     |
| 25                    | T            | ╁╌       | ╁        | Н               | -+        | +        | $\dashv$ | $\dashv$ | -        | ŀ     |               | 75       | $\dashv$   | $\dashv$ | +        | +      | +-  | $\vdash$  | +        | -        | -            | $\dashv$ | 124        | +        | +        | +- | ╁  | ⊢  | $\dashv$                     | -        |     |
| 26                    | ╆            | ╁        | +-       | $\vdash$        | -+        | +        | $\dashv$ | -        | -        | -     |               | 76       | ┪  | -+       | ┰        | ┿      | +   | $\vdash$  |          | -        | ⊢            |          | 125        | -        | +        | +  | +  | ⊢  | $\dashv$                     | +        |     |
| 27                    | ╁            | +        | +-       | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$ | +        | -        | ŀ     |               | 77       | $\dashv$   | $\dashv$ | ╁        | ╬      | ╁   | $\vdash$  | +        | -        | ⊢            | -        | 126        |          | +        | +  | +- | ļ  | $\dashv$                     | +        | _   |
| 28                    | $\vdash$     | ╁╌       | +-       | Н               | $\dashv$  | ┪        | $\dashv$ |          | $\dashv$ | ŀ     |               | 78       | $\dashv$   | -        | +        | +      | +-  | ┨         |          | -        | $\vdash$     | -+       | 127        |          | +        | +  | ╁  | H  |                              | +        |     |
| 29                    | †            | +        | +-       | $\vdash$        | +         | ┪        | $\dashv$ | +        | -        | ii l  |               | 79       | ┪  | -+       | +        | ╅      | +-  | $\vdash$  |          | -        | $\vdash$     | ↤        | 128        | -        | +        | +- | ╄  | $\vdash$   | +                            | +        |     |
| 30                    | ╆            | ┿        | +        | $\vdash$        | ╅         | -+       | $\dashv$ | -+       | - :      | ŀ     | $\dashv$      | 80       | $\dashv$   | -        | +        | ╫      |     | ↤         | +        | -[       | -            | $\dashv$ | 129        |          | +        | ╀  | +  | <del>                                     </del> | $\dashv$                     | -        |     |
| 31                    | ╁            | ╁╴       | +        | $\vdash$        | -+        | +        | +        | +        |          | -     | -             | 81       | -  | $\dashv$ | +        | +      | +   | $\vdash$  | +        | -        | -            | -+       | 130        | +        | -        | +- | ╁  | -  | $\dashv$                     | +        | _   |
| 32                    | ╁┈           | +        | +        | $\vdash$        | $\dashv$  | $\dashv$ | +        | +        | - :      | ⊪     |               | 82       | +  | +        | +        | +      | +   | +-+       |          | -        | $\vdash$     | -        | 131        | -+       | +        | +- | ╁  | -  |                              | -        |     |
| 33                    | $\vdash$     | +        | +        | $\vdash$        | $\dashv$  | +        | -+       | +        | -        | ⊪     | -             | 83       | -  | $\dashv$ | +        | +      | +   | ╁┤        | +        | -        | $\vdash$     | -+       | 132        | +        | +        | +- | ╀  | $\vdash$   | $\dashv$                     | +        | _   |
| 34                    | $\vdash$     | +        | ╁        |                 | $\dashv$  | +        | -+       | +        | -        | ∦     |               | 84       | -  | -        | +        | +-     | +-  | ╁╾╂       | +        | -        | $\vdash$     | -+       | 133        | +        |          | ╁  | ╀  | _  | $\dashv$                     | +        |     |
| 35                    | Н            | ╁┈       | +        | $\vdash$        | -+        | $\dashv$ | $\dashv$ | ╁        |          | ⊪     |               | 85       | -  | +        | +        | +      | +   | ↤         | +        | -        | -            | $\dashv$ | 134<br>135 | -+       | +        | +  | ╄  | H  |                              | +        |     |
| 36                    | 十            | +        | +        |                 | -         | +        | -+       | +        | -        | ŀ     | $\dashv$      | 86       |  | +        | +        | +      | +   | $\vdash$  | +        | -        | $\vdash$     |          |            | $\dashv$ | - -      | +  | +- | Н  | -                            | +        | _   |
| 37                    | $\vdash$     | †        | $\top$   |                 | +         | +        | $\dashv$ | +        | -        | 바     | $\dashv$      | 87       | $\dashv$   | +        | +-       | +      | +-  | ╁         | +        | $\dashv$ | $\vdash$     | $\dashv$ | 136<br>137 | +        | +        | +  | ╀  | Н  | -                            | +        | _   |
| 38                    | $\vdash$     | ╁        | +        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$ | $\pm$    | -        | ŀ     | $\dashv$      | 88       | -+   | +        | ┿        | +      | +-  | ╁╌┤       | +        | -        | -            | $\dashv$ |            |          | +        | +  | +  | $\vdash$   | -+                           | +        | _   |
| 39                    | +            | ╁        | +-       | $\vdash \vdash$ | -+        | $\dashv$ | $\dashv$ | ╅        | ┨        | ╟     |               | 89       | $\dashv$   | $\dashv$ | -        | +      | +-  | ⊢┤        | +        | -        | $\vdash$     | $\dashv$ | 138<br>139 | -        | +        | +- | +  | Н  | -+                           | +        | _   |
| 40                    | ╆            | +        | 1-       |                 | -         | $\dashv$ | $\dashv$ | ╁        | ╣        | ⊪     | -+            | 90       | $\dashv$   | $\dashv$ | +        | ╁      | +-  | ╁┼        | +        | -        | ⊢            | -        |            | -        |          | +  | +  | $\vdash$   | $\dashv$                     | +        | _   |
| 41                    | ✝            | +        | $\vdash$ | $\vdash$        | +         | ┰        | +        | ╁        | - :      | ⊪     | -+            | 91       | $\dashv$   | -+       | +        | ╁      | +-  | +         | - -      | -        | <del> </del> | -+       | 140        | +        | - -      | ╀  |    |  | $\dashv$                     | +        | _   |
| 42                    | t            | ┝        | +        | -               | -+        | $\dashv$ |          | ┰        | -        | ::: - | -             | 92       | $\dashv$   | +        | +        | ╁      | ┿   | ╁╌╂       | +        | -        | -            |          | 141        | +        | +        | ╀  | +- | Н  | -                            | +        | _   |
| 43                    | $\vdash$     | t        | +        | $\dashv$        | +         | +        | ┰        | ┰        | -        | ŀ     | $\dashv$      | 93       | ┰  | +        | ┰        | +      | ╁╌  | ╁╼┼       | +        | - :::    | ⊢            | $\dashv$ | 142        | +        | +        | +  | +- | H  |                              | +        | -   |
| 44                    | -            | t        | $\vdash$ | $\dashv$        | +         | +        | $\dashv$ | +        | - ::     | ╟     | +             | 94       | $\dashv$   | +        | +        | +      | +-  | ╁┼        | +        | - ::::   | $\vdash$     | +        | 143        | +        | -        | +  | +  | $\vdash \vdash$                                  | -                            | 4        | 4   |
| 45                    | <del> </del> | $\vdash$ | +        | +               | +         | +        | $\dashv$ | +        | -        | ŀ     | -+            | 95       | $\dashv$   | +        | +        | +      | ╁   | ╁┼        | +        | -        | <u> </u>     |          | 144        |          | +        | +- | ₩  | $\vdash \vdash$                                  | -                            | +        | 4   |
| 46                    | H            | †-       | $\vdash$ | -+              | ╅         | +        | +        |          | -        | ⊦     |               | 96       | -+   | +        | +-       | ╁      | ┿   | ┥         | +        | -        | ⊢            | +        | 145        | -        | -        | +  | -  | Н  | 4                            | 4        | 4   |
| 47                    | Н            | ┢        | $\vdash$ | $\dashv$        | +         | +        | +        | +        | -        | ┟     |               | 97       | -+   | +        | +-       | ╁      | +   | ╁╌┼       | +        | -        | ⊢            |          | 146        | +        | +        | +  | ╁  | $\vdash \vdash$                                  |                              | +        | 4   |
| 48                    | Ι-           | H        | Н        | $\dashv$        | ╅         | +        | +        | +        | -        | ╟     |               | 98       | +  | +        | ┿        | ╁      | +   | ╁         | +        | -        | _            | +        | 147        | $\dashv$ | - -      | +- | ├- | $\vdash \vdash$                                  | -                            | -        | 4   |
| 49                    | $\vdash$     | t        | $\vdash$ | $\dashv$        | +         | 十        | +        | +        |          | ŀ     |               | 98       | +  | +        | +        | +-     | +-  | ┢         | +        | -        | <u> </u>     | +        | 148        | - -      | +        | +  | ⊢  | -  | -+                           | 4        | ᅴ   |
| 50                    | $\vdash$     | $\vdash$ | ╁┤       | $\dashv$        | +         | +        | +        | ┿        | - ::     | ŀ     |               | 100      | $\dashv$   | +        | +        | ╀      | ╁   | ⊢⊦        | -        | -        | _            | -        | 149        | -        | +        | +  |    | Ц  | $\dashv$                     | 4        | ᅬ   |
|                       | Ь            | Ь.       | ш        |                 |           |          |          |          |          | L     |               | וטטן     | ᆚ  | L_       |          |        |     | Ш         |          | J:::::   | L.,          | ┸        | 150        |          | 1.       |    |    |  | _L                           | 丄        | - 1 |